

Abstract

When fresh water is produced from salt water or similar by evaporation of untreated or crude liquid in an evaporation device (10) under partial vacuum and by vapour condensation in a condensation device (23) connected with the vapour outlet of the evaporation device (10), a high degree of evaporation and cost effectiveness can be obtained in that the evaporation device (10) and the condensation device (23), in disconnected condition, are filled with crude or clean liquid, respectively, and are subsequently exposed to a partial vacuum created by volume enlargement under hermetically sealed conditions and that the evaporation device (10) and the condensation device (23) are not flow-connected with each other until they are under partial vacuum.

(Figure 1)